

1. This letter contract awards the production of Crew Protection Kits (CPK) for Heavy Expanded Mobility Tactical Trucks (HEMTT), and development and production of Crew Protection Kits (CPK) for the Palletized Load System (PLS), Heavy Equipment Transporter (HET), and the M915 Truck Series based on adaptations and changes to the HEMTT CPK.

2. This is an urgent requirement to improve the physical security and safety of U.S. Forces supporting Operation Iraqi Freedom.

3. This letter contract also awards the purchase of 541 PLS CPKs and 271 HEMTT CPKs.

4. This is a sole source effort to Simula Aerospace and Defense Group, Inc.

5. A firm-fixed price contract is planned for the production of the CPK, with the addition of a cost plus fixed fee portion for the development effort.

a. The following CLINs apply to the cost plus fixed fee portion for development effort:

CLIN 0001AA - Development Effort, M915 Crew Protection Kits. The following dollar breakdown applies:

HEMTT CPK Nonrecurring Development	\$306,285.00
PLS CPK Nonrecurring Development	\$358,743.00
HET CPK Nonrecurring Development	\$456,240.00
HET Blast Modeling/Analysis	\$179,998.00
M915 CPK Nonrecurring Development	\$441,660.00
TOTAL	\$1,742,926.00

b. The following CLINs apply to the firm-fixed price effort for production:

CLIN 0002AA - HEMTT Crew Protection Kits, 271 ea, unit price \$34,718.00 for a total of \$9,408,578.00.

CLIN 0003AA - PLS Crew Protection Kits, 541 ea, unit price \$30,840.00 for a total of \$16,684,440.00.

CLIN 0004AA - Shipping Cost for 812 units (271 HEMTT/541 PLS CPKs) to Dover AFB for a total of \$1,900,000.00.

6. The Government will provide the following GFE:

- 1 each Heavy Expanded Mobility Tactical Truck (HEMTT)
- 1 each Palletized Load System (PLS)
- 1 ea M1070 Heavy Equipment Transport (HET)
- 1 each M915 Line Haul Tractor
- C4ISR Hardware and installation instructions

GFE shall be furnished 60 days after date of award.

7. In performing this contract, the Contractor is not authorized to make expenditures or incur obligations exceeding \$14,867,972.00 (50% of the ceiling price amount). The maximum amount for which the Government shall be liable if this contract is terminated is \$14,867,972.00.

8. The Scope of Work appears in Section C.

9. CDRLs appear as attachments in Section J.

10. M915A3, Purchase Description, ATPD 2250, dated February 4, 1999, Engineering Release Letter Rev No. 1 and Rev No. 2 appear as attachments in Section J.

11. Please note the following clauses with fill-ins to be completed by the Contractor:

- F-9, 52.247-60 - GUARANTEED SHIPPING CHARACTERISTICS
- H-17, 252,217-7026 - IDENTIFICATION OF SOURCES OF SUPPLY
- I-125, 52.247-4010 - TRANSPORTATION DATA FOR FOB ORIGIN OFFERS

12. The ceiling amount of this contract is \$29,735,944.00.

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SECTION A - SUPPLEMENTAL INFORMATION

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
A-1	52.204-4850 (TACOM)	ACCEPTANCE APPENDIX	FEB/2002
<p>(a) Contract Number W56HZV-04-C-0259 is awarded to Simula Aerospace & Defense Group, Inc. The Government accepts your proposal dated January 30, 2004 in response to Solicitation Number: N/A, signed by Joseph W. Coltman, Executive Vice President and Chief Operating Officer of your company.</p>			
<p>(b) The contractor, in it's proposal, provided the following data for the listed clauses in this contract:</p>			
<p>Section E, 52.246-4025, HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT -- TACOM QUALITY SYSTEM REQUIREMENT: N/A</p>			
<p>Section E, 52.246-4028, INSPECTION POINT: Origin</p>			
<p>Others: N/A</p>			
<p>(c) Any attachments not included with this document will be provided by TACOM-Warren directly to the administrative contracting officer (ACO) via e-mail. A hard copy of the award will be sent to those ACOs not EDW (Electronic Document Workflow) capable. Technical data packages will be mailed by TACOM-Warren to the ACO on CD-ROM. Within one week of this award, any office not able to obtain these attachments from TACOM's website (http://contracting.tacom.army.mil/) and still requiring a copy, can request it by sending an e-mail message to the buyer listed on the front page of this contract.</p>			
<p>[End of Clause]</p>			
A-2	52.204-4016 (TACOM)	TACOM-WARREN ELECTRONIC CONTRACTING	JUL/2003
<p>(a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (http://contracting.tacom.army.mil/opportunity.htm) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at http://contracting.tacom.army.mil/userguide.htm and http://contracting.tacom.army.mil/ebidnotice.htm for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.</p>			
<p>(b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.</p>			
<p>(c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.</p>			
<p>(d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards and will include the awarded unit price. This is the notice required by Executive Order 12600 (June 23, 1987) of our intention to release unit prices in response to any request under the Freedom of Information Act (FOIA), 5 USC 552. Unit price is defined as the contract price per unit or item purchased as it appears in Section B of the contract and is NOT referring to nor does it include Cost or Pricing data/information. If you object to such release, and you intend on submitting an offer, notify the PCO in writing prior to the closing date identified in this solicitation and include the rationale for your objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.</p>			
<p>(e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: acqcenweb@tacom.army.mil</p>			
<p>(f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at http://www.ecrc.ctc.com</p>			
<p>[End of Clause]</p>			

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A-3 52.204-4232 PUBLIC ACTIVITY INVOLVEMENT DEC/2002
(TACOM)

Subcontract opportunities under this solicitation and any resulting contracts are open to competition between Department of Defense activities and private firms. In addition, Army Industrial Facilities are available to sell manufactured articles or to perform work at such Facilities on behalf of Offerors, in certain circumstances and as permitted by law. Rock Island Arsenal, Watervliet Arsenal, Anniston Army Depot, Sierra Army Depot, and Red River Army Depot have expressed interest in securing subcontracting opportunities under this RFP. For information related to the capabilities of these facilities, and Points of Contact, see www.gsie.army.mil

[End of Notice]

A-4 52.215-4854 PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS JUL/2002
(TACOM) SOLICITATION/REQUEST

TACOM WILL NOT ACCEPT PAPER OFFERS IN RESPONSE TO THIS SOLICITATION/REQUEST. YOU ARE REQUIRED TO SUBMIT YOUR OFFER, BID, OR QUOTE VIA PAPERLESS ELECTRONIC MEDIA. SEE THE PROVISION ENTITLED "ELECTRONIC OFFERS (OR 'QUOTES' OR 'BIDS') REQUIRED IN RESPONSE TO THIS SOLICITATION (OR 'REQUEST FOR QUOTATIONS')" FOR MORE SPECIFIC INFORMATION.

[End of Clause]

A-5 52.217-4911 NOTICE OF URGENT REQUIREMENT NOV/2001
(TACOM)

TACOM considers this requirement to be urgent. Timely performance and delivery are essential. Deliveries ahead of schedule are encouraged whenever they can be offered without additional cost to the Government. The Contractor is requested to immediately contact the buyer or contracting officer identified on the cover page of this document to notify them of any pending or potential problems and/or suggestions for contract streamlining that would enable faster deliveries.

[End of Clause]

Name of Offeror or Contractor: SIMULA AEROSPACE & DEFENSE GROUP, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
	<u>SERVICES LINE ITEM</u>				
	NOUN: DEVELOPMENT EFFORT SECURITY CLASS: Unclassified				
	Contractor shall provide development effort and non-recurring engineering effort as specified in Section C "Scope of Work".			Est. Cost:	\$TBD
				Fixed Fee:	\$ TBD
				Total Amount:	\$TBD
	(End of narrative B001)				
	The ceiling amount for this effort is \$1,742,926. The negotiated definitized amount for this effort will not exceed \$1,742,926. The negotiated fee shall not exceed 15% of the negotiated estimated cost for this line item.				
	The following amount for CLIN 0001 is represented by the following proposed amounts:				
	HEMTT CPK Nonrecurring Development \$306,285.00 PLS CPK Nonrecurring Development \$358,743.00 HET CPK Nonrecurring Development \$456,240.00 HET Blast Modeling/Analysis \$179,998.00 M915 CPK Nonrecurring Development \$441,660.00 TOTAL \$1,742,926.00				
(End of narrative C001)					
0001AA	<u>SERVICES LINE ITEM</u>				\$ 871,463.00
	NOUN: M915 CREW PROTECTION KITS PRON: E14DC004J6 PRON AMD: 01 ACRN: AA AMS CD: 65462265900				
	The amount obligated under this SubCLIN represents 50% of the total ceiling amount for the effort in CLIN 0001. It represents the Government's limitation of liability under paragraph I-111 of the contract.				
	(End of narrative D001)				
	<u>Inspection and Acceptance</u>				
	INSPECTION: Origin ACCEPTANCE: Origin				

Name of Offeror or Contractor: SIMULA AEROSPACE & DEFENSE GROUP, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT						
0002	<u>Deliveries or Performance</u> DLVR SCH <table><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>PERF COMPL DATE</u></td></tr><tr><td>001</td><td>0</td><td>30-SEP-2004</td></tr></table> \$ 871,463.00	<u>REL CD</u>	<u>QUANTITY</u>	<u>PERF COMPL DATE</u>	001	0	30-SEP-2004	271	EA	TBD	TBD
	<u>REL CD</u>	<u>QUANTITY</u>	<u>PERF COMPL DATE</u>								
001	0	30-SEP-2004									
<u>PRODUCTION QUANTITY</u> NOUN: HEMTT CREW PROTECTION KITS SECURITY CLASS: Unclassified Contractor shall provide crew protection kits for the HEMTT, HET, PLS and M915 Series Trucks as specified in Section C-Scope of Work, paragraph C.1.1. The ceiling amount for this effort is \$9,408,578.00. The negotiated definitized amount will not exceed \$9,408,578.00. (End of narrative A001)											
0002AA	PRODUCTION QUANTITY NOUN: HEMTT CREW PROTECTION KITS PRON: J642D276J6 PRON AMD: 01 ACRN: AMS CODE: 51108992015 The amount obligated under this subCLIN represents 50% of the total ceiling amount for the effort in CLIN 0002. It represents the Government's limitation of liability under paragraph I-111 of the contract. (End of narrative C001)	271	EA	\$34,718.00	\$ 4,704,289.00						
0003	<u>PRODUCTION QUANTITY</u> NOUN: CREW PROTECTION KITS - PLS SECURITY CLASS: Unclassified Contractor shall provide crew protection kits for the PLS Series Trucks as specified in Section C - Scope of Work, Paragraph C.1.2. The ceiling amount for this effort is \$16,684,440.00. The negotiated definitized	541	EA	TDB	TBD						

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AA	amount for this effort will not exceed \$16,684,440.00. (End of narrative A001)				
	PRODUCTION QUANTITY NOUN: PLS CREW PROTECTION KITS PRON: J642D277J6 PRON AMD: 01 ACRN: AMS CODE: 51108992015 The amount obligated under this subCLIN represents 50% of the total ceiling amount for the effort in CLIN 0003 It represents the Government's limitation of liability under paragraph I-111 of the contract. (End of narrative C001)	541	EA	\$30,840.00	\$ 8,342,220.00
0004	<u>TRANSPORTATION COSTS TO DOVER AFB</u> SECURITY CLASS: Unclassified Contractor shall ship 812 (271 HEMTT/541 PLS) CPK to Dover AFB. The ceiling amount for this effort is \$1,900,000.00. The negotiated definitized amount will not exceed \$1,900,000.00. (End of narrative B001)		LO	TBD	TBD
0004AA	SERVICE LINE ITEM NOUN: DESTINATION TRANSPORTATION COSTS FOR CPK PRON: J642D2786 PRON AMD: 01 ACRN: AMS CODE: 51108992015 The amount obligated under this subCLIN represents 50% of the total ceiling amount for the effort in CLIN 0004 It represents the Government's limitation of liability under paragraph I-111 of the contract.		EA		\$ 950,000.00

Name of Offeror or Contractor: SIMULA AEROSPACE & DEFENSE GROUP, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div>(End of narrative C001)</div> <div><u>Inspection and Acceptance</u> INSPECTION: OriginACCEPTANCE: Origin</div>				

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT
Statement of Work

- C.1. The Contractor shall provide the following, in accordance with this Statement of Work and the Contract Schedule:
- C.1.1. HEMTT: HEMTT Armor Crew Protection Kits (CPK), Simula p/n 106700-5, but without the special mine protection seat (Simula p/n 106790). The kit shall be prepped to facilitate C4ISR (communications) equipment and field improvised weapons station as indicated below. The contractor shall indicate impact in schedule and unit price for each of the listed modifications. All modifications shall be integrated in the vehicle system to minimize degradation of vehicle performance.
- C.1.1.1. - Installation manuals shall be provided with each kit (CDRL A001). Installation manuals shall have a parts list, to include part number, noun, quantity per kit (CDRL A002).
- C.1.1.2. -C4ISR:
- The rear armor panels shall have holes for routing C4ISR cables and to clear mounting points for OEM 4 point seat belts. Locations shall be IAW C4ISR TB drawings. Holes shall be plugged.
 - The side panel, rear of the drivers door, shall be prepped to facilitate installation of the SINCGARS mounting bracket. Holes shall be plugged. Locations shall be IAW C4ISR TB drawings.
 - Weld studs or other fastening device shall be installed in the angled portion of the roof, over the passenger seat, to facilitate mounting of the PLGR antennae. Locations shall be IAW C4ISR TB drawings.
- C.1.1.3. -Weapons Station: The roof panel will be modified to allow removal of the portion over the passenger seat to allow access to the removable OEM roof panel and to facilitate field expedited/improvised weapons station.
- C.1.2. PLS: Armor Crew Protection Kits (CPK) based on Simula CPK for HEMTT, Simula p/n 106700-4, but without special mine protection seat Simula p/n 106790. The PLS CPK shall be integrated in the vehicle system to minimize degradation of vehicle performance. The kit shall be prepped to facilitate C4ISR (communications) equipment and field improvised weapons station as indicated below.
- C.1.2.1. -The kit shall have holes and mounting provisions as required to route cables and install C4ISR brackets and equipment IAW C4ISR TB drawings. Holes shall be plugged.
- The roof panel shall be modified to allow removal of the portion over the passenger seat to allow access to the OEM roof and to facilitate field expedited/improvised weapons station.
- C.1.2.2. Installation manuals shall be provided with each kit (CDRL A001). Installation manuals shall have a parts list, to include part number, noun, quantity per kit (CDRL A002).
- C.1.3. HET: The contractor shall adapt the HEMTT CPK, Simula p/n 106700-4, for the M1070 Heavy Equipment Transporter (HET). The contractor shall provide:
- Three crew protection kits for the M1070.
 - Three sets of installation instructions (CDRL A001).
 - One kit contents list, which shall include a list of parts, their material, weight, size, and approximate location on the vehicle (CDRL A002).
 - Two material samples for each material used in the CPK that differs from material in CPK Simula p/n 106700-4. These samples will be used for ballistic testing.
 - Technical support during the CPK installation and testing at Aberdeen Test Center (ATC), Aberdeen, Maryland.
- C.1.4. M915A3: The contractor shall develop a CPK for the M915A3 Linehaul Tractor in accordance with draft ATRP attached. The contractor shall provide:
- Three crew protection kits for the M915A3.
 - Three sets of installation instructions (CDRL A001).
 - One kit contents list, which shall include a list of parts, their material, weight, size, and approximate location on the vehicle (CDRL A002).
 - Two material samples for each material used in the CPK that differs from material in CPK Simula pn 106700-4. These samples will be used for ballistic testing.

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-Technical support during the CPK installation and testing at Aberdeen Test Center (ATC), Aberdeen, Maryland.

- C.2. GFE: The following will be GFE.
- * One Heavy Expanded Mobility Tactical Truck (HEMTT)
 - * One Palletized Load System (PLS)
 - * One M915 Line Haul Tractor
 - * One M1070 Heavy Equipment Transport (HET)
 - * C4ISR Hardware and installation drawings
- GFE to be provided no later than 60 days after award.

C.3. The Period of Performance will be date of award through September 30, 2004.

		*** END OF NARRATIVE C 001 ***	
<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>	
C-1	52.211-4015 CONFIGURATION CONTROL - ENGINEERING CHANGES (TACOM)	JUL/2002	(a) DEFINITIONS:

(1) Engineering Change Proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the Technical Data Package (TDP). ECPs can be issued before or during contract performance. NOTE: The current Government Standard allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a deviation along with your ECP.

(2) Request for Deviation (RFD). A RFD is a one-time request to deviate from TDP requirements. You must submit your deviation request once you realize that you desire to deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.

- (3) Value Engineering Change Proposal (VECP). A proposal that --
- (i) Requires a change to the instant contract; and
 - (ii) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics; provided, that it does not involve a change --
 - (A) In deliverable end item quantities only;
 - (B) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or
 - (C) To the contract type only.

(4) Notice of Revision (NOR). A NOR describes the proposed changes to a technical document being requested by an ECP.

(b) When will TACOM start processing change requests? TACOM won't start processing any ECP, VECP, or RFD until we receive the ACO's comments (see paragraph (e) below) and the ECP, VECP, or RFD documentation.

(c) Contractor Responsibility. ECPs, VECPs, and RFD shall contain information per the instructions outlined on the Data Delivery Descriptions (DDD) which can be found at the following website: <http://contracting.tacom.army.mil/engr/engrchange.htm>. Forms for preparing an ECP, VECP, or a RFD can also be found at this website. You may use other media, as long as you give us all the information outlined in the DDDs.

- (1) Identify the two-digit Weapon System Code (WSC) on your submittal. The WSC for this procurement is (-1-).
- (2) The Contractor shall submit ECPs/VECPs/RFDs to the Government electronically. You must use one of the following electronic mediums: 100 megabyte Zip*-disk, 3 1/2 inch disk, 650 megabyte CD ROM, or E-mail. (E-mail files must be sized 3.5 mb or less.) Identify the software application, and version, that you used to create each file submitted.
- (3) ECPs/VECPs/RFDs submitted in paper form are unacceptable and will be returned. You must use one of the following electronic formats:

(i) Files readable using these Microsoft 97 Office Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable.

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(ii) Files in Adobe PDF (Portable Document Format).

(iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic ECPs/VECPs/RFDs and be accessible offline.

(iv) Other electronic formats. Before preparing your ECPs, VECPS or RFDs in any other electronic format, please e-mail the engineer, copy-furnished to the buyer and ACO, to obtain a decision as to the format's acceptability. Failure to e-mail the engineer to seek an alternate format's acceptability may result in rejection of your submission. All alternate methods must be at no cost to the Government. NOTE: The above formats may be submitted in compressed form using self-extracting files.

(d) Submittal Procedures for ECPs/VECPs/RFDs.

(1) Send one copy of the ECP, VECP or RFD in electronic format to your ACO.

(2) Send one copy of the ECP, VECP or RFD in electronic format to the buyer listed on the solicitation/ contract document.

WARNING - Submit complete, legible, virus free packages per paragraphs 1 and 2 above, or we may return your ECP/VECP/RFD without processing them.

(e) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare Comments on the ECP, VECP, or RFD in electronic format, and forward it as follows:

ECPs, VECPS, and RFDs. Email a copy of the contractor's request and ACO comments (DD Form 1998) to the engineer (-2-) and the buyer identified in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

(f) Approval of ECPs, VECPS and RFDs.

(1) ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.

(2) ECPs. TACOM will review and make a decision within the ninety day timeframe. Notification of our decision will be made by the contracting officer or representative.

(3) RFDs. Decision on RFDs will be made within 30 days from the date we receive them from the ACO.

(g) Processing Emergency and Urgent ECPs. Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in paragraph 11 of DDD for ECPs), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames as outlined in paragraph 11 of the DDD for ECPs.

(h) Reminder - Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.

(i) RFDs shall contain sufficient pricing data to determine if a downward equitable adjustment to the contract is required.

(j) Questions.

(1) Questions about preparation and submittal of change request should be directed to the Government Quality Assurance Representative (QAR).

(2) Questions about the status of change requests you've already submitted, contact the buyer. You can find the buyer's name, number and e-mail address in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

[End of Clause]

C-2 52.211-4053 REQUIRED TAILORING LANGUAGE TO ELIMINATE CLASS I OZONE-DEPLETING MAR/2000
(TACOM) SUBSTANCES (CIODS)

(a) The purchase description or Technical Data Package (TDP) for this contract incorporates one or more specifications or standards that, in their unmodified form, either authorize or require the use of Class I Ozone-Depleting Substances (CIODS). For

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Name of Offeror or Contractor: SIMULA AEROSPACE & DEFENSE GROUP, INC.

purposes of your performance on this contract, those specifications (which are identified in paragraph (b) of this clause) are modified by special tailoring language which appears in the TACOM Acquisition Center's web-site. Directions for reaching our web-site and locating the required tailoring language appear in paragraph (c) of this clause.

(b) Tailoring language to eliminate the authorization or requirement to use Class I Ozone-Depleting Substances (CIODS) is hereby incorporated into this contract by reference. Packaging Specifications MIL-L-61002 and MIL-STD-129, where they apply, are affected by this tailoring language. Other specifications and standards affected are: NONE.

(c) The CIODS listing that contains the required tailoring language is on the TACOM Acquisition Center web-site, which you can reach by using this URL: <http://contracting.tacom.army.mil/ciods.html>

[End of Clause]

C-3	52.211-4008	DRAWING LIMITATIONS	NOV/2002
	(TACOM)		

(a) The drawings supplied with this contract are not shop or process drawings. They are engineering design drawings. They are adequate to permit manufacture, and:

- (1) depict the completed item(s), and
- (2) serve as the basis for inspection of the completed item(s).

(b) These drawings DON'T cover intermediate drawings/specifications or steps in the manufacturing process. As a result, even if you meet all the dimensions and tolerances specified in the engineering design drawing for each individual part, a cumulative unacceptable fit for the contract item could result.

(c) YOU ARE RESPONSIBLE for producing the shop or process drawings needed to cover intermediate steps in the manufacturing process.

(d) The Contractor agrees that he has obtained all specifications and drawings necessary to manufacture the items being solicited in accordance with the TDP including all incorporated specifications and drawings. The contractor is responsible for having all drawings and specifications. Delivery delays are not excusable where the contractor asserts that it did not have a specification or drawing and has failed to request, in writing, the specification from either the Contracting Officer or Contract Specialist prior to the solicitation closing date.

(e) If you fail to produce an end item with a cumulative fit that conforms to Government drawings, specifications or other supplemental manufacturing documentation, you'll be responsible for correcting this condition at no additional cost to the Government and no delivery schedule extension.

[End of Clause]

C-4	52.211-4010	ACQUISITION OF SOURCE-CONTROLLED PART NUMBER ALT I	FEB/1998
	(TACOM)		

Acquisition under this contract is restricted to:

- (1) The manufacturer's part number or numbers set forth in the Schedule or the Technical Data Package; and
- (2) Other manufacturer's part numbers that are physically, functionally, and mechanically interchangeable with the manufacturer's part number(s) listed in the Technical Data Package; provided (i) that these nonlisted part numbers have been furnished to one of the approved manufacturers listed in the Technical Data Package, which firm has then, without making any changes in the characteristics or properties of the part, redesignated that part with one of the approved part numbers; and (ii) that firms tendering a nonlisted part number as described in this paragraph (2). have executed the provision entitled REPRESENTATION OF INTENT TO SUPPLY A SOURCE-CONTROLLED ITEM in Section K herein.

[End of Clause]

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Name of Offeror or Contractor: SIMULA AEROSPACE & DEFENSE GROUP, INC.			

SECTION D - PACKAGING AND MARKING

	Regulatory Cite	Title	Date
D-1	52.247-4016 (TACOM)	HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS	JUL/2002

ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL ENSURE TRACEBILITY TO THE ORIGINAL SOURCE OF HEAT TREATMENT. EACH BOX/PALLET SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY WOOD USED AS INNER PACKAGING MADE OF NON-MANUFACTURED WOOD SHALL BE HEAT TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET.

[End of Clause]

Name of Offeror or Contractor: SIMULA AEROSPACE & DEFENSE GROUP, INC.

SECTION E - INSPECTION AND ACCEPTANCE

	Regulatory Cite	Title	Date
E-1	52.246-2	INSPECTION OF SUPPLIES--FIXED-PRICE	AUG/1996
E-2	52.246-3	INSPECTION OF SUPPLIES - COST REIMBURSEMENT	MAY/2001
E-3	52.246-4	INSPECTION OF SERVICES - FIXED-PRICE	AUG/1996
E-4	52.246-5	INSPECTION OF SERVICES - COST-REIMBURSEMENT	APR/1984
E-5	52.246-8	INSPECTION OF RESEARCH AND DEVELOPMENT -- COST-REIMBURSEMENT	MAY/2001
E-6	52.246-16	RESPONSIBILITY FOR SUPPLIES	APR/1984
E-7	52.246-4028 (TACOM)	INSPECTION POINT: ORIGIN	FEB/1994

We will inspect the supplies as described elsewhere in this solicitation/contract before acceptance. Fill-in the location, contractor's or subcontractor's plant, where origin inspection will occur.

CONTRACTOR'S PLANT:

Simula Aerospace & Defense Group, Inc.

7822 South 46th Street, Phoenix, AZ 85044-5354

SUBCONTRACTOR'S PLANT:

(Name)

(Address) (City) (County) (State) (Zip)

[End of Clause]

E-8	52.246-4029 (TACOM)	ACCEPTANCE POINT: ORIGIN	OCT/2002
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We will accept these supplies at the address or addresses designated in the Section E clause entitled INSPECTION POINT.

[End of Clause]

E-9	52.246-4048 (TACOM)	DRAWINGS FOR INSPECTION	NOV/1982
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The Contractor shall make available to the Government Inspector, at the time of production inspection, legible drawings and printed specifications to which the product was manufactured. These drawings and specifications shall be annotated as to the latest revision incorporated therein. Upon completion of product inspection and acceptance by the Government Inspector, all drawings and specifications will be returned to the Contractor.

[End of Clause]

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SECTION F - DELIVERIES OR PERFORMANCE

	Regulatory Cite	Title	Date
F-1	52.242-15	STOP WORK ORDER--(ALTERNATE I dated APR 1984)	AUG/1989
F-2	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
F-3	52.247-29	F.O.B. ORIGIN	JUN/1988
F-4	52.247-34	F.O.B. DESTINATION	NOV/1991
F-5	52.247-44	F.O.B. DESIGNATED AIR CARRIER'S TERMINAL, POINT OF IMPORTATION	APR/1984
F-6	52.247-48	F.O.B. DESTINATION--EVIDENCE OF SHIPMENT (DEVIATION)	FEB/1999
F-7	52.247-52	CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS TO DOD AIR OR WATER TERMINAL TRANSSHIPMENT POINTS	APR/1984
F-8	52.247-55	F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY	JUN/2003
F-9	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
F-10	52.247-59	F.O.B. ORIGIN--CARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
F-11	52.211-16	VARIATION IN QUANTITY	APR/1984

(a) A variation in the quantity of any item called for by this contract will not be accepted unless the variation has been caused by conditions of loading, shipping, or packing, or allowances in manufacturing processes, and then only to the extent, if any, specified in paragraph (b) below.

(b) The permissible variation shall be limited to:

 ZERO percent increase; and
 ZERO percent decrease.

(c) This increase or decrease shall apply to THE TOTAL CONTRACTUAL QUANTITY.

[End of Clause]

F-12	52.247-60	GUARANTEED SHIPPING CHARACTERISTICS	DEC/1989
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(a) The offeror is requested to complete subparagraph (a)(1) of this clause, for each part or component which is packed or packaged separately. This information will be used to determine transportation costs for evaluation purposes. If the offeror does not furnish sufficient data in subparagraph (a)(1) of this clause, to permit determination by the Government of the item shipping costs, evaluation will be based on the shipping characteristics submitted by the offeror whose offer produces the highest transportation costs or in the absence thereof, by the Contracting Officer's best estimate of the actual transportation costs. If the item shipping costs, based on the actual shipping characteristics, exceed the item shipping costs used for evaluation purposes, the Contractor agrees that the contract price shall be reduced by an amount equal to the difference between the transportation costs actually incurred, and the costs which would have been incurred if the evaluated shipping characteristics had been accurate.

(1) To be completed by the offeror:

- (i) Type of "Outer" container: Wood Box _____, Fiber Box _____, Barrel _____, Reel _____, Drum _____, Other (Specify) _____
- (ii) Shipping configuration: Knocked-down _____, Set-up _____, Nested _____, Other (specify) _____;
- (iii) Size of outer container: _____ inches (Length), x _____ inches (Width), x _____ inches (Height) = _____ Cubic FT;
- (iv) Number of items per outer container _____ Each;
- (v) Gross weight of outer container and contents _____ LBS
- (vi) Palletized/skidded _____ Yes _____ No;
- (vii) Number of outer containers per pallet/skid _____;
- (viii) Weight of empty pallet bottom/skid and sides _____ LBS;
- (ix) Size of pallet/skid and contents _____ LBS Cube _____;
- (x) Number of outer containers or pallets/skids per railcar _____ * --

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Size of railcar _____

Type of railcar _____

(xi) Number of outer containers or pallets/skids per trailer _____ *--

Size of trailer _____

Type of trailer _____

*Number of complete units (contract line item) to be shipped in carrier's equipment.

(2) To be completed by the Government after evaluation but before contract award:

(i) Rate used in evaluation _____;

(ii) Tender/Tariff _____;

(iii) Item _____;

The guaranteed shipping characteristics requested in subparagraph (a)(1) of this clause do not establish actual transportation requirements, which are specified elsewhere in this solicitation. The guaranteed shipping characteristics will be used only for the purpose of evaluating offers and establishing any liability of the successful offeror for increased transportation costs resulting from actual shipping characteristics which differ from those used for evaluation in accordance with paragraph (a) of this clause.

[End of FAR Clause]

The following information is provided as guidance in filling out the above clause by paragraph. Note: Disregard asterisk (*) in the clause where it appears.

(a)(1)(i) Type of container (mandatory fill-in):

The type of container is defined as an overpack. This is an outer container usually made of steel, wood, or fiber designed to enclose and protect one or more less durable inner containers. When Other is selected you must also complete (a)(1)(ii) Shipping configuration.

(a)(1)(ii) Shipping configuration:

Complete this information when any one dimension of the item is reduced.

(a)(1)(iii) Size of container (mandatory fill-in):

Outer dimensions of the overpack or other described shipping configuration. Must be provided in inches. The cube shall be provided in cubic feet. The cube is defined as the volume of space occupied by the unit under consideration computed by multiplying overall exterior length, width, and height.

(a)(1)(iv) Number of items per container (mandatory fill-in):

The number of units of issue in the overpack or in the other described shipping configuration.

(a)(1)(v) Gross weight of container and contents (mandatory fill-in):

The combined mass of the overpack containing the packing material and the number of units of issue supplied in pounds.

(a)(1)(vi) Palletized/skidded:

Indicate Yes if overpack or other described shipping configuration is attached to pallet or skid to form a unit load for handling.

(a)(1)(vii) Number of containers per pallet/skid:

Only complete this if you answered Yes to (a)(1)(vi). Containers are the number of overpacks or other described shipping configurations attached to a pallet or skid base.

(a)(1)(viii) Weight of empty pallet bottom/skid and sides:

Only complete this if you answered Yes to (a)(1)(vi) or when the weight of the container and contents in (a)(1)(v) above does not include this weight.

(a)(1)(ix) Size of pallet/skid and contents:

Only complete this if you answered Yes to (a)(1)(vi). Indicate weight in pounds and cube in cubic feet of combined overpack or other described shipping configuration and attached pallet or skid. The cube is defined as the volume of space occupied by the unit under consideration computed by multiplying overall exterior length, width, and height.

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(a)(1)(x) Number of containers or pallets/skids per railcar:

Only complete this if you have rail capability and the rail car may be fully utilized. Quantity of overpacks or other described shipping configurations that will fit in a fully utilized railcar. Specify length in feet and type (flat, box, gondola, etc.) of railcar.

(a)(1)(xi) Number of containers or pallets/skids per trailer (mandatory fill-in): Quantity of overpacks or other described shipping configurations that will fit in a fully utilized trailer. Specify length in feet and type (flatbed, van, etc.) of trailer. For import/export shipments in ISO/seavan containers indicate quantity of overpacks or other described shipping configurations fully utilizing the container. Specify length in feet of the ISO/seavan containers.

NOTE: Fully Utilized means filling to full visible capacity.

[End of Clause]

F-13 52.247-65 F.O.B. ORIGIN--PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS JAN/1991

(a) When authorized by the Contracting Officer, f.o.b. origin freight shipments which do not have a security classification shall move on prepaid commercial bills of lading or other shipping documents to domestic destinations, including air and water terminals. Weight of individual shipments shall be governed by carrier restrictions but shall not exceed 150 pounds by any form of commercial air or 1,000 pounds by other commercial carriers. The Government will reimburse the Contractor for reasonable freight charges.

(b) The Contractor shall annotate the commercial bill of lading as required by the clause of this contract entitled Commercial Bill of Lading Notations.

(c) The Contractor shall consolidate prepaid shipments in accordance with procedures established by the cognizant transportation office. The Contractor is authorized to combine Government prepaid shipments with the Contractor's commercial shipments for delivery to one or more consignees and the Government will reimburse its pro rata share of the total freight costs. The Contractor shall provide a copy of the commercial bill of lading promptly to each consignee. Quantities shall not be divided into mailable lots for the purpose of avoiding movement by other modes of transportation.

(d) Transportation charges will be billed as a separate item on the invoice for each shipment made. A copy of the pertinent bill of lading, shipment receipt, or freight bill shall accompany the invoice unless otherwise specified in the contract.

(e) Loss and damage claims will be processed by the Government.

[End of Clause]

F-14 52.247-4005 SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT AUG/2003
(TACOM)

(a) Unless otherwise directed, shipment items under this contract in following order of priority:

- (1) Government/Commercial Bill(s) of Lading or US Postal Services;
- (2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or
- (3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs.

(b) The Contractor will request:

- (1) Government Bills of Lading and

(2) Routing and other instructions, including Defense Transportation Regulation (DTR), DOD Regulation 4500.9-R-Part 2 Cargo Movement, as to the methods of shipment to be followed by the Contractor, or

(c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

[End of Clause]

F-15 52.247-4017 DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR JAN/2001
(TACOM) ADDRESSES

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Rail/ Motor SPLC*	MILSTRIP Address Code	Rail Ship To:	Motor Ship To:	Parcel Post Mail To:
206721/ 209405	W25G1U	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA 17070-5001
875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA 95296-0130
471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021
209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003

***SPLC indicates Standard Point Locator Code.

NOTE: The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

New Cumberland Army Depot
Red River Army Depot
Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]

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SECTION G - CONTRACT ADMINISTRATION DATA									
0002AA	J642D276J6	AA	A	21	41C1C03P511089252G	S20113	4ZHTZR	W56HZV	4,704,289.00
0003AA	J642D277J6	AA	A	21	41C1C03P511089252G	S20113	4ZHTZR	W56HZV	8,342,220.00
0004AA	J642D278J6	AA	A	21	41C1C03P511089252G	S20113	4ZHTZR	W56HZV	950,000.00
TOTAL									\$14,867,972.00

*** END OF NARRATIVE G 001 ***

LINE	PRON/ AMS CD/ ITEM	OBLG ACRN	STAT	ACCOUNTING CLASSIFICATION			JOB ORDER NUMBER	ACCOUNTING STATION	OBLIGATED AMOUNT
0001AA	E14DC004J6 65462265900	AA	1	21	42040000041C1C03P654622252G	S20113	4DC004	W56HZV \$	871,463.00
TOTAL									\$ 871,463.00

SERVICE NAME	TOTAL BY ACRN	STAT	ACCOUNTING CLASSIFICATION			ACCOUNTING STATION	OBLIGATED AMOUNT
Army	AA	21	42040000041C1C03P654622252G	S20113		W56HZV \$	871,463.00
TOTAL							\$ 871,463.00

	Regulatory Cite	Title	Date
G-1	52.242-4016 (TACOM)	COMMUNICATIONS	MAY/2000

(a) Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Keith Schuetz
e-mail: schuetzk@tacom.army.mil

(b) The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Gloria Jacobson
e-mail: Gloria.Jacobson@dcma.mil

(c) Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

G-2	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE	DEC/1991
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(a) Definition. Contracting Officer's Representative means an individual designated in accordance with subsection 201.602-2 of the Defense Federal Acquisition Regulation Supplement and authorized in writing by the contracting officer to perform specific technical or administrative functions.

(b) If the Contracting Officer designates a contracting officer's representative (COR), the Contractor will receive a copy of the written designation. It will specify the extent of the COR's authority to act on behalf of the contracting officer. The COR is not authorized to make any commitments or changes that will affect price, quality, quantity, delivery, or any other term or condition of the contract.

[End of Clause]

G-3	52.227-4004	RELEASE OF INFORMATION	OCT/2003
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(TACOM)
The contractor shall ensure that he complies with the requirements of Chapter 5, page 22, paragraph 5-48, of AR 360-1, The Army Public Affairs Program, dated 15 Oct 2000, prior to contemplated release of any procurement information. Approval of the Contracting Officer is required prior to release of any such information. AR 360-1 may be found at http://www.usapa.army.mil/pdffiles/r360_1.pdf .

[End of clause]

G-4 52.232-4005 INVOICE INFORMATION REQUIREMENT JAN/1988
(TACOM)

On each payment request submitted, the Contractor shall identify each affected Contract Line Item Number (CLIN), sub-CLIN, and/or work directive, together with the related dollar amounts. This requirement does not diminish or restrict any other requirement of this contract.

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SECTION H - SPECIAL CONTRACT REQUIREMENTS

	Regulatory Cite	Title	Date
H-1	252.203-7002	DISPLAY OF DOD HOTLINE POSTER	DEC/1991
H-2	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991
H-3	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
H-4	252.211-7000	ACQUISITION STREAMLINING	DEC/1991
H-5	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	APR/2003
H-6	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	APR/2003
H-7	252.225-7004	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	APR/2003
H-8	252.225-7005	IDENTIFICATION OF EXPENDITURES IN THE UNITED STATES	APR/2002
H-9	252.225-7013	DUTY-FREE ENTRY	JAN/2004
H-10	252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY	JAN/1997
H-11	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/1999
H-12	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
H-13	252.235-7011	FINAL SCIENTIFIC OR TECHNICAL REPORT	SEP/1999
H-14	252.242-7004	MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM	DEC/2000
H-15	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2003
H-16	252.246-7001	WARRANTY OF DATA	DEC/1991
H-17	252.217-7026	IDENTIFICATION OF SOURCES OF SUPPLY	NOV/1995

(a) The Government is required under 10 U.S.C. 2384 to obtain certain information on the actual manufacturer or sources of supplies it acquires.

(b) The apparently successful Offeror agrees to complete and submit the following table before award:

TABLE

Line	National	Commercial	Source of Supply		Actual
<u>Items</u>	<u>Stock</u>	<u>Item</u>	<u>Company</u>	<u>Address</u>	<u>Mfg?</u>
(1)	(2)	(Y or N) (3)	(4)	(4)	(5) (6)

(1) List each item of supply and item of technical data.

(2) If there is no national stock number, list "none."

(3) Use Y if the item is a commercial item; otherwise use N. If Y is listed, the Offeror need not complete the remaining columns in the table.

(4) For items of supply, list all sources. For technical data, list the source.

(5) For items of supply, list each source's part number for the item.

(6) Use Y if the source or supply is the actual manufacturer; N if it is not; and U if unknown.

[End of Clause]

H-18 252.225-7003 REPORT OF INTENDED PERFORMANCE OUTSIDE THE UNITED STATES APR/2003

(a) The offeror shall submit a Report of Contract Performance Outside the United States, with its offer, if-

(1) The offer exceeds \$10 million in value; and

(2) The offeror is aware that the offeror or a first-tier subcontractor intends to perform any part of the contract outside the United States and Canada that-

(i) Exceeds \$500,000 in value; and

(ii) Could be performed inside the United States or Canada.

(b) Information to be reported includes that for-

(1) Subcontracts;

(2) Purchases; and

(3) Intracompany transfers when transfers originate in a foreign location.

(c) The offeror shall submit the report using-

(1) DD Form 2139, Report of Contract Performance Outside the United States; or

(2) A computer-generated report that contains all information required by DD Form 2139.

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(d) The offeror may obtain a copy of DD Form 2139 from the Contracting Officer.
(End of provision)

H-19 252.227-7039 PATENTS -- REPORTING OF SUBJECT INVENTIONS APR/1990
The Contractor shall furnish the Contracting Officer the following:

(a) Interim reports every twelve (12) months (or such longer period as may be specified by the Contracting Officer) from the date of the contract, listing subject inventions during that period and stating that all subject inventions have been disclosed or that there are no such inventions.

(b) A final report, within three (3) months after completion of the contracted work, listing all subject inventions or stating that there were no such inventions.

(c) Upon request, the filing date, serial number and title, a copy of the patent application and patent number, and issue data for any subject invention for which the Contractor has retained title.

(d) Upon request, the Contractor shall furnish the Government an irrevocable power to inspect and make copies of the patent application file.
(End of clause)

H-20 52.204-4005 REQUIRED USE OF ELECTRONIC CONTRACTING DEC/2002
(TACOM)

(a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions and clauses appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: <http://www.ccr.gov/> . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm
Rock Island: <http://aaais.ria.army.mil/AAIS/AWDINFO/index.htm>
Picatinny: <http://procnet.pica.army.mil/Contracts/Index.htm>
Red River Army Depot: <http://www.redriver.army.mil/contracting/Awards>
Anniston Army Depot: <http://www.anadprocnet.army.mil>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/ec/ecip/index.htm> . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:

(1) Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access

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(2) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM

(3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).

(4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.
[End of Clause]

H-21 52.216-4008 STATUS OF FUNDS ON COST REIMBURSEMENT CONTRACTS/CLINS JUN/1989
(TACOM)

(a) The Contractor shall review the funding as it relates to work performed on the cost-reimbursement Contract Line Item Numbers (CLINS) under this contract and shall provide to the Procuring Contracting Officer (PCO) a written determination of what, if any, funds are excess to requirements (leaving a reasonable amount for final overhead rate negotiations and other reasonably predicted requirements) and are available for deobligation. This review shall be coordinated with the Administrative Contracting Officer (ACO), and the written determination shall be accomplished within 120 days of completion of performance under the CLIN. The report shall be prepared in terms of dollars available per Purchase Request Order Number (PRON), unless requested otherwise by the PCO.

(b) This report may be requested in writing by the PCO on additional occasions during the course of performance of work on cost-reimbursable CLINS contained in this contract. On such occasions, the written report shall be provided to the PCO within 14 days of Contractor receipt of the written request.

(End of clause)

H-22 52.246-4026 LOCAL ADDRESSES FOR DD FORM 250 FEB/2004
(TACOM)

(a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:

(1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address: DD250@tacom.army.mil

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 574-7552 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmmision. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

(b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.

(c) The DD250 form may be found, in three different formats, on the World Wide Web at <http://web1.whs.osd.mil/icdhome/DD-0999.htm>

(d) When the final DD 250 has been submitted, the contractor shall send a letter, with a copy of the DD250, indicating that the last DD 250 has been submitted and transmit it to the Government using one of the following methods:

(1) Our first preference is for you to send the letter to the DD250 mailbox at DD250@tacom.army.mil AND the Contract Specialist's email (located on the first page of your contract in block 5).

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 874-7552 and use DD250 mailbox and Contract Specialists name in the to: block of your fax cover or header sheet.

[End of Clause]

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SECTION I - CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Clause]

	Regulatory Cite	Title	Date
I-1	52.202-1	DEFINITIONS	DEC/2001
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR/1984
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUL/1995
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	JUL/1995
I-6	52.203-8	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	JUN/2003
I-9	52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG/2000
I-10	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	JUL/1995
I-11	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-12	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	SEP/1990
I-13	52.215-2	AUDIT AND RECORDS - NEGOTIATIONS	JUN/1999
I-14	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-15	52.215-10	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA	OCT/1997
I-16	52.215-12	SUBCONTRACTOR COST OR PRICING DATA	OCT/1997
I-17	52.215-14	INTEGRITY OF UNIT PRICES (ALTERNATE I, (OCT 1997))	OCT/1997
I-18	52.215-15	PENSION ADJUSTMENTS AND ASSET REVERSIONS	DEC/1998
I-19	52.215-18	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS	OCT/1997
I-20	52.215-19	NOTIFICATION OF OWNERSHIP CHANGES	OCT/1997
I-21	52.216-7	ALLOWABLE COST AND PAYMENT	DEC/2002
I-22	52.216-8	FIXED FEE	MAR/1997
I-23	52.216-26	PAYMENTS OF ALLOWABLE COSTS BEFORE DEFINITIZATION	DEC/2002
I-24	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT/2000
I-25	52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN	JAN/2002
I-26	52.219-16	LIQUIDATED DAMAGES - SUBCONTRACTING PLAN	JAN/1999
I-27	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-28	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	SEP/2002
I-29	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT	DEC/1996
I-30	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
I-31	52.222-26	EQUAL OPPORTUNITY	APR/2002
I-32	52.222-35	AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA	DEC/2001
I-33	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	JUN/1998
I-34	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	DEC/2001
I-35	52.223-6	DRUG FREE WORKPLACE	MAY/2001
I-36	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN/2003
I-37	52.226-1	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES	JUN/2000
I-38	52.227-1	AUTHORIZATION AND CONSENT	JUL/1995
I-39	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	AUG/1996
I-40	52.227-3	PATENT INDEMNITY	APR/1984
I-41	52.227-10	FILING OF PATENT APPLICATIONS--CLASSIFIED SUBJECT MATTER	APR/1984
I-42	52.227-12	PATENT RIGHTS--RETENTION BY THE CONTRACTOR (LONG FORM)	JAN/1997
I-43	52.228-7	INSURANCE--LIABILITY TO THIRD PERSONS	MAR/1996
I-44	52.229-4	FEDERAL, STATE, AND LOCAL TAXES (NONCOMPETITIVE CONTRACT)	APR/2003
I-45	52.230-2	COST ACCOUNTING STANDARDS	APR/1998
I-46	52.230-3	DISCLOSURE AND CONSISTENCY OF COST ACCOUNTING PRACTICES this clause applies only when the Contractor has been determined eligible. See Section K.	APR/1998
I-47	52.232-1	PAYMENTS	APR/1984

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I-48	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
I-49	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984
I-50	52.232-11	EXTRAS	APR/1984
I-51	52.232-17	INTEREST	JUN/1996
I-52	52.232-20	LIMITATION OF COST	APR/1984
I-53	52.232-23	ASSIGNMENT OF CLAIMS	JAN/1986
I-54	52.232-25	PROMPT PAYMENT	FEB/2002
I-55	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
I-56	52.233-1	DISPUTES	JUL/2002
I-57	52.233-3	PROTEST AFTER AWARD	AUG/1996
I-58	52.242-1	NOTICE OF INTENT TO DISALLOW COSTS	APR/1984
I-59	52.242-3	PENALTIES FOR UNALLOWABLE COSTS	MAY/2001
I-60	52.242-10	F.O.B. ORIGIN--GOVERNMENT BILLS OF LADING OR PREPAID POSTAGE	APR/1984
I-61	52.242-12	REPORT OF SHIPMENT (REPSHIP)	JUN/2003
I-62	52.242-13	BANKRUPTCY	JUL/1995
I-63	52.243-1	CHANGES--FIXED-PRICE	AUG/1987
I-64	52.243-2	CHANGES--COST-REIMBURSEMENT	AUG/1987
I-65	52.243-6	CHANGE ORDER ACCOUNTING	APR/1984
I-66	52.243-7	NOTIFICATION OF CHANGES	APR/1984
I-67	52.244-2	SUBCONTRACTS (ALT I--AUG 1998)	AUG/1998
I-68	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
I-69	52.245-2	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (Alternate I dated April 1984)	JUN/2003
I-70	52.245-5	GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS) (Deviation, per DAR Tracking Number 99-00008, 13 July 99)	JUN/2003
I-71	52.245-19	GOVERNMENT PROPERTY FURNISHED AS-IS	APR/1984
I-72	52.246-23	LIMITATION OF LIABILITY	FEB/1997
I-73	52.247-1	COMMERCIAL BILL OF LADING NOTATIONS the notation set forth in paragraph (a) of the clause applies in this contract.` The agency name in line one of the notation shall read:US ARMY TANK-AUTOMOTIVE & ARMAMENTS COMMAND	APR/1984
I-74	52.247-63	PREFERENCE FOR U.S.-FLAG AIR CARRIERS	JUN/2003
I-75	52.248-1	VALUE ENGINEERING	FEB/2000
I-76	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)	SEP/1996
I-77	52.249-6	TERMINATION (COST-REIMBURSEMENT)	SEP/1996
I-78	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
I-79	52.249-9	DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT)	APR/1984
I-80	52.249-14	EXCUSABLE DELAYS	APR/1984
I-81	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-82	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE CONTRACT-RELATED FELONIES	MAR/1999
I-83	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-84	252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY	NOV/1995
I-85	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
I-86	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
I-87	252.215-7000	PRICING ADJUSTMENTS	DEC/1991
I-88	252.215-7002	COST ESTIMATING SYSTEM REQUIREMENTS	OCT/1998
I-89	252.219-7003	SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS)	APR/1996
I-90	252.223-7004	DRUG-FREE WORK FORCE	SEP/1988
I-91	252.225-7004	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	APR/2003
I-92	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	FEB/2003
I-93	252.225-7014	PREFERENCE FOR DOMESTIC SPECIALTY METALS	APR/2003
I-94	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	APR/2003
I-95	252.225-7025	RESTRICTION ON ACQUISITION OF FORGINGS	APR/2003
I-96	252.225-7030	RESTRICTION ON ACQUISITION OF CARBON, ALLOY, AND ARMOR STEEL PLATE	APR/2003
I-97	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	APR/2003
I-98	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC	SEP/2001

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		ENTERPRISES	
I-99	252.227-7013	RIGHTS IN TECHNICAL DATA --NONCOMMERCIAL ITEMS	NOV/1995
I-100	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JUN/1995
I-101	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JUN/1995
I-102	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
I-103	252.242-7000	POSTAWARD CONFERENCE	DEC/1991
I-104	252.242-7003	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS	DEC/1991
I-105	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
I-106	252.243-7002	REQUESTS FOR EQUITABLE ADJUSTMENT	MAR/1998
I-107	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DoD CONTRACTS)	MAR/2000
I-108	252.245-7001	REPORTS OF GOVERNMENT PROPERTY	MAY/1994
I-109	52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS ```(ALTERNATE III (OCT 1997))	OCT/1997

(a) Exceptions from cost or pricing data.

(1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts or subcontracts for commercial items.

(A) If--

- (1) the original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition, or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item, and
- (2) the modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

- (1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price or recent sales in quantities similar to the proposed quantities.
- (2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.
- (3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.

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- (4) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

- (1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(c) Submit the cost portion of the proposal via the following electronic media: Electronic spreadsheet files compatible with MS-DOS/Windows versions Excel 5.0 or earlier, with *.xls, *.wbl, or *.wk3 the preferred formats.

[End of Clause]

I-110 52.216-23 EXECUTION AND COMMENCEMENT OF WORK APR/1984

The Contractor shall indicate acceptance of this letter contract by signing three copies of the contract and returning them to the Contracting Officer not later than February 6, 2004. Upon acceptance by both parties, the Contractor shall proceed with performance of the work, including purchase of necessary materials.

[End of Clause]

I-111 52.216-24 LIMITATION OF GOVERNMENT LIABILITY APR/1984

(a) In performing this contract, the Contractor is not authorized to make expenditures or incur obligations exceeding \$17,240,000.00 dollars.

- (b) The maximum amount for which the Government shall be liable if this contract is terminated is \$17,240,000.00 dollars.
(End of clause)

I-112 252.217-7027 CONTRACT DEFINITIZATION OCT/1998

(a) A firm fixed price contract is planned for the production of the CPK with the addition of a cost plus fixed fee portion for the development effort is contemplated. The Contractor agrees to begin promptly negotiating with the Contracting Officer the terms of a definitive contract that will include (1) all clauses required by the Federal Acquisition Regulation (FAR) on the date of execution of the undefinitized contract action, (2) all clauses required by law on the date of execution of the definitive contract action, and (3) any other mutually agreeable clauses, terms, and conditions. The Contractor agrees to submit a cost/price ceiling for the development effort and a firm fixed price proposal for the production effort and cost or pricing data supporting its proposal no later than 27 February 2004.

- (b) The schedule for definitizing this contract action is as follows:

Target Date for Definitization:	31 March 2004
Submission of Proposal:	27 February 2004
Beginning of Negotiations:	27 February 2004
Submission of Make-or-Buy:	N/A
Submission of Subcontracting Plan:	27 February 2004
Submission of Cost and Pricing Data:	27 February 2004

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(c) If agreement on a definitive contract action to supersede this undefinitized contract action is not reached by the target date in paragraph (b) of this clause, or within any extension of it granted by the Contracting Officer, the Contracting Officer may, with the approval of the head of the contracting activity, determine a reasonable price or fee in accordance with Subpart 15.4 and Part 31 of the FAR, subject to Contractor appeal as provided in the Disputes clause. In any event, the Contractor shall proceed with completion of the contract, subject only to the Limitation of Government Liability clause.

(1) After the Contracting Officer's determination of price or fee, the contract shall be governed by-

(i) All clauses required by the FAR on the date of execution of this undefinitized contract action for either fixed-price or cost-reimbursement contracts, as determined by the Contracting Officer under this paragraph (c);

(ii) All clauses required by law as of the date of the Contracting Officer's determination; and

(iii) Any other clauses, terms, and conditions mutually agreed upon.

(2) To the extent consistent with paragraph (c)(1) of this clause, all clauses, terms, and conditions included in this undefinitized contract action shall continue in effect, except those that by their nature apply only to an undefinitized contract action.

(d) The definitive contract resulting from this undefinitized contract action will include a negotiated cost plus fixed fee for the development effort and a firm fixed price for the production of the CPK in no event to exceed \$34,480,000.00.

[End of Clause]

I-113 52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) _____ * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

[End of Clause]

I-114 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS APR/2003

(a) Definitions. As used in this clause--

(1) "Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.

(2) "Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)

(1) The contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (OCT 2000)(15U.S.C. 637(d)(2) and (3)), in all subcontracts that offer subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

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(ii) 52.222-26, Equal Opportunity (APR 2002)(E.O. 11246);

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212(a));

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998)(29 U.S.C. 793);

(v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (APR 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631) (flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimum number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

[End of Clause]

I-115 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

[End of Clause]

I-116 252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION NOV/2001

(a) Definitions. As used in this clause--

(1) Central Contractor Registration (CCR) database means the primary DoD repository for contractor information required for the conduct of business with DoD.

(2) Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by Dun and Bradstreet plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying subunits or affiliates of the parent business concern.

(4) Registered in the CCR database means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding Commercial and Government Entity (CAGE) code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b)

(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee must be registered in the CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors for work to be performed outside the United States.

(2) The offeror shall provide its DUNS or, if applicable, its DUNS+4 number with its offer, which will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(3) Lack of registration in the CCR database will make an offeror ineligible for award.

(4) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered should consider applying for registration immediately upon receipt of this solicitation.

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(c) The Contractor is responsible for the accuracy and completeness of the data within the CCR, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to confirm on an annual basis that its information in the CCR database is accurate and complete.

(d) Offerors and contractors may obtain information on registration and annual confirmation requirements by calling 1-888-227-2423, or via the Internet at <http://www.ccr.gov>.

[End of Clause]

I-117 252.225-7015 PREFERENCE FOR DOMESTIC HAND OR MEASURING TOOLS DEC/1991
The Contractor agrees to deliver under this contract only hand or measuring tools produced in the United States or its possessions.
(End of clause)

I-118 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA MAY/2002
(a) Definitions. As used in this clause--

(1) Components means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.

(2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.

(3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.

(4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.

(5) Subcontractor means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.

(6) Supplies means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.

(i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.

(ii) Supplies includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.

(7) U.S.-flag vessel means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

(b)

(1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.

(2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-

(i) This contract is a construction contract; or

(ii) The supplies being transported are-

(A) Noncommercial items; or

(B) Commercial items that-

(1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);

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(2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or

(3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.

(c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--

- (1) U.S.-flag vessels are not available for timely shipment;
- (2) The freight charges are inordinately excessive or unreasonable; or
- (3) Freight charges are higher than charges to private persons for transportation of like goods.

(d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--

- (1) Type, weight, and cube of cargo;
- (2) Required shipping date;
- (3) Special handling and discharge requirements;
- (4) Loading and discharge points;
- (5) Name of shipper and consignee;
- (6) Prime contract number; and

(7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.

(e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information--

- (1) Prime contract number;
- (2) Name of vessel;
- (3) Vessel flag of registry;
- (4) Date of loading;
- (5) Port of loading;
- (6) Port of final discharge;
- (7) Description of commodity;
- (8) Gross weight in pounds and cubic feet if available;
- (9) Total ocean freight in U.S. dollars; and
- (10) Name of the steamship company.

(f) The Contractor shall provide with its final invoice under this contract a representation that to the best of its knowledge and belief--

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- (1) No ocean transportation was used in the performance of this contract;
- (2) Ocean transportation was used and only U.S.-flag vessels were used for all ocean shipments under the contract;
- (3) Ocean transportation was used, and the Contractor had the written consent of the Contracting Officer for all non-U.S.-flag ocean transportation; or
- (4) Ocean transportation was used and some or all of the shipments were made on non-U.S.-flag vessels without the written consent of the Contracting Officer. The Contractor shall describe these shipments in the following format:

ITEM DESCRIPTION	CONTRACT LINE ITEMS	QUANTITY	TOTAL
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- (g) If the final invoice does not include the required representation, the Government will reject and return it to the Contractor as an improper invoice for the purposes of the Prompt Payment clause of this contract. In the event there has been unauthorized use of non-U.S.-flag vessels in the performance of this contract, the Contracting Officer is entitled to equitably adjust the contract, based on the unauthorized use.
- (h) In the award of subcontracts for the types of supplies described in paragraph (b)(2) of this clause, the Contractor shall flow down the requirements of this clause as follows:
- (1) The Contractor shall insert the substance of this clause, including this paragraph (h) in all subcontracts that exceed the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

- (2) The Contractor shall insert the substance of paragraphs (a) through (e) of this clause, and this paragraph (h), in subcontracts that are at or below the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

[End of Clause]

I-119	52.204-4009 (TACOM)	MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION	JUN/1999
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- (a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)
- (b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.
- (c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).
- (d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.
- (e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

I-120	52.247-4010 (TACOM)	TRANSPORTATION DATA FOR FOB ORIGIN OFFERS	FEB/1994
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- (a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this information in our evaluation of transportation costs.

Offeror represents that:

- (1) Facilities for shipping by rail

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[] are
[] are not

available at the F.O.B. point(s) stated in this solicitation.

(2) If rail facilities are not available at the F.O.B. point(s), the name and location of the nearest team track is:

_____	_____
(NAME)	(LOCATION)

(3) Facilities for shipping by water

[] are
[] are not

available at the F.O.B. point(s) stated in this solicitation.

(4) Facilities for shipping by motor

[] are
[] are not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B, please indicate it below, per unit:

RAIL:_____/Unit MOTOR:_____/Unit WATER:_____/Unit

CAUTION: GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE UNIT OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

(b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.

(c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.

(d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Provision]

I-121 52.247-4011 FOB POINT SEP/1978

Delivery on F.O.B. origin offers will be F.O.B. Carrier's equipment, wharf, or freight station, at the Government's option, at or near:

(1) Contractor's Plant: _____
(City) (State) (ZIP) (County)

(2) Subcontractor's Plant: _____
(City) (State) (ZIP) (County)

[End of Provision]

I-122 52.247-4458 GUARANTEED SHIPPING CHARACTERISTICS--F.O.B. DESTINATION SEP/2000
(TACOM)

(a) The offeror is required to complete subparagraph (b)(1), (2), and (3), of this clause, for each part or component, including

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all of its packaging. This information will be used by the Government to perform logistics management functions such as providing item sustainment, planning (e.g. estimating storage costs), and redistribution. You are not liable if you give us wrong information, however since the DOD uses this data in-house in existing data bases and because this information may be used in contingency planning it, we request that the information provided be as accurate as possible.

(b) Definitions of terms commonly used in the packaging and distribution environments are defined in ASTM D996 and should be consulted if any term used herein is in question.

(1) Unit Package:

(i) Specify the type of UNIT PACKAGE for each single unit of issue: A container in direct contact with and enclosing the product along with any required protective materials(s)(e.g. item is wrapped in neutral paper, polyethylene foam cushion wrapped, sealed in a waterproof bag, and placed in a fiberboard box).

(ii) Unit Package Exterior Size/Weight of Unit Package with contents:

Length_____ x Width_____ x Depth _____(expressed in inches)/Weight expressed in _____ pounds

(2) Shipping Container:

(i) Exterior Size of SHIPPING CONTAINER AND CONTENTS THEREIN:

Length, _____ x Width, _____ x Height,_____ (expressed in feet and inches)

(ii) Number of unit packages per shipping container _____ each

(iii) Gross weight of Shipping container and contents _____ Lbs.

(3) Unitized Loads:

(i) Is the Load palletized, skidded, or some other platform device used as a base for handling and transporting as a single entity. Yes [] No []; describe: _____.

(ii) Number of Shipping containers per pallet/skid _____ each.

(iii) Weight of empty pallet, skid, platform, dolly, other device used as a base for handling and transporting materials _____ Lbs

(iv) Size of Unit Load(pallet/skid including shipping container(s)assembled for handling and transportation as a single entity:

Length, _____ x Width, _____ x Height,_____ (expressed in feet and inches)

(v) Gross Weight of Unit Load _____ Lbs;

[End of Clause]

1. The following clauses apply only to the firm-fixed price portion of this contract:

- 52.211.4010
- 52.246-16
- 52.246-2
- 52.246-4
- 52.247-52
- 52.211-16
- 252.225-7004
- 252.225-7005
- 252.266-7001
- 252.243-7001
- 252.242-7003
- 52.216-8
- 52.243-1
- 52.247-1
- 52.249-2
- 52.249-8

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52.219-16
52.222-21
52.244-6
52.252-6
52.247-34
52.247-48
52.247-52
52.247-4458

2. The following clauses apply only to the cost plus fixed fee portion of this contract:

52.246-3
52.246-5
52.246-8
52.246-4048
52.242-17
52.247-55
52.232-4005
52.227-4004
252.227-7036
252.227-7037
252.246-7001
252.242-7004
252.235-7011
252.211-7000
252.227-7039
52.216-4008
252.227-7013
252.227-7030
252.245-7001
252.227-7016
252.227-7017
252.242-7000
252.217-7027
52.211-4008
52.215-12
52.211-4015
52.215-15
52.216-7
52.243-2
52.216-26
52.215-18
52.228-7
52.232-1
52.232-9
52.232-11
52.232-20
52.242-1
252.201-7000
52.242-4016

3. All other clauses apply to both the firm-fixed price portion and the cost plus fixed fee portion of this contract.

4. The following Government Furnished Equipment will be furnished to the Contractor:

- 1 each Heavy Expanded Mobility Tactical Truck (HEMTT)
- 1 each Palletized Load System (PLS)
- 1 ea M1070 Heavy Equipment Transport (HET)
- 1 each M915 Line Haul Tractor
- C4ISR Hardware and installation instructions

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*** END OF NARRATIVE I 001 ***

SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Attachment 001	CONTRACT DATA REQUIREMENTS LIST (CDRL)	18-FEB-2004	001	
Attachment 002	ENGINEERING RELEASE LETTER, ATPD 2250, REV NO 2	18-FEB-2004	001	
Attachment 003	ENGINEERING RELEASE LETTER, ATPD 2250, REV NO 1	18-FEB-2004	001	
Attachment 004	PURCHASE DESCRIPTION, ATPD 2250, FEBRUARY 4, 1999, M915A3	18-FEB-2004	038	
	TRACTOR TRUCK, LINE HAUL 52,000 LBS GVWR, 6X4			